

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Enrique V. Barrera, *et al.*  
Serial No.: 10/576,134  
Filed: July 13, 2007  
Title: SIDEWALL FUNCTIONALIZATION OF CARBON  
NANOTUBES WITH ORGANOSILANES FOR POLYMER  
COMPOSITES  
Confirmation No: 5500  
Art Unit: 1786  
Examiner: Peter Y. Choi

MAIL STOP: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REPLY UNDER 37 C.F.R. § 1.114**

Dear Sir:

In response to the Final Office Action having a mailing date of May 9, 2011 (“Office Action”), and the Advisory Action mailed on September 23, 2011, both having a four-month period for response expiring on September 9, 2011, and extended to October 9, 2011 by the petition and fee filed herewith, please reconsider the rejections to the claims in view of the following amendments and remarks:

**Amendments to the Claims** begin on Page 2 of this paper.

**Remarks** begin on Page 8 of this paper.